ROUND ROBIN

A Factual and Non-Sectarian
Publication
issued in the interests of

BORDERLAND SCIENCES RESEARCH ASSOCIATES (BSRA)

AND OF ALL STUDENTS OF PSYCHIC, OCCULT, SPIRITISTIC
AND PARAPSYCHOLOGICAL PHENOMENA.

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MALAMALA - LET US UPHOLD AND SPREAD ABROAD THE LIGHT!

NUCLEAR PHYSICS - THE FISSION OF THE PROTON -

The Round Robin editor recently received, from Associate "Lindy Millard" of Duluth, a letter dealing with the possibility of effecting fission of the proton. This communication was confidential in nature, but by permission of the Associate the substance of it was sent out as a release to the BSR members. Assoc. L.M. believes that the proton is fissionable, probably at an approximate critical value of 938 million electron volts - and that a chain reaction would almost certainly follow. He has been engaged with this problem for some 12 years past.

This statement was submitted to Roger Graham, a physicist and mathematician well-known to most RR readers - who replied as follows, with full permission to quote:

> The proton is unfissionable under all forces. The Vortex theory used by Assoc. L.M. is basically unsound, in too many ways to go into here. I have examined all aspects of it, including Leadbeater, to the extent that I am aware of the seeming validity it has in many ways, and can see how a discarnate observer of a certain type might actually "see" the pattern of the Vortex Theory "existing in actuality;" but any resemblance reality has to the Vortex Theory is purely coincidental. I very seldom say anything is impossible, but in this case I definitely say, fission of the proton is impossible.

However, on the 7th of January, during a discussion of the question in the presence of the medium Mark Probert, a communicator came through by clairaudience and said in effect: 'The proton is fissionable under impact of the Gamma ray. A chain reaction is sure. . . There is no shield, no way to check such a chain reaction. . .'

On being questioned about the figure 938 M.e.v. as the approximate critical level, the communicator gave an equation (corrected later on):

$$K_x = \frac{938}{V^2 M}$$

and then went on to say that the critical value might be higher than this; that 938 can be obtained by laboratory means, but is "very dangerous. Some material denser than lead is necessary if a shield is to be found. In all matter the magnetic field between proton and neutron varies in speed of exchange. A low speed will prevent fission of the proton of other matter."

On being informed of the statement of Roger Graham, Associate

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* As a rule, special release material is not reprinted in RR, but in this instance some repetition seems advisable.

Millard wrote the RR editor at greater length. The basic theory with which he is concerned takes its departure from the classical theory of the ether through certain German discoveries. "I first heard of Krafft's atom model and began studying it in 1937, but the theory has its beginnings about 1930, and is in turn based on the discoveries of H. Fricke of Germany, where ether physics is developing, though un - recognized officially. The proton fission was hinted at in 1939 in a pamphlet entitled "Atomic Oscillators" in these words: "... this is a reasonable assumption because the energy equivalent of an electron is only 500,000 volts, as against the 930 million volts of the proton. It is therefore much more easily destroyed than the proton ..." Nothing is said about fission, but ionization is discussed at this point in connection with a chemically inert element. Many of those (if not all) who will be reading the release, have never heard of the NEW Vortex Theory, nor are they unanimous in their interpretation of the ether theories implied in the objection - so that, in effect, Mr. Graham has been talking over our heads. . . I have never heard of Leadbeater but would like to find out about him . . . Facts must mold theory and never the reverse. I am not at all offended by Mr. Graham's assertions.

"It is the Mark Probert oracle" (Assoc. L.M. continues) "that is most interesting. The energy flow and the speed of exchange are quite intelligible under the new vortex atom theory. The Invisible consulted is perhaps schooled in the Ancient Wisdom, connected with the original version of the Dzyan, or else the advanced knowledge once developed in Poseid (Atlan). The projected formula looks like a ratio of energies. K is a proportionality factor. Perhaps the critical energy is higher because the cosmic tide of maximum density of the ether is leaving our galaxy."

Several pages of mathematics follow, along with an additional comment: "The bombarding of protons would produce high temperatures, blue-white heat; I have this to corroborate it:

> Creation of a temperature 250 times hotter than the interior of the sun was described by Dr. H.A.Bethe of Cornell University. This temperature, according to Dr. Bethe, exists inside the atom when a deuteron is fired at a hydrogen nucleus with an energy of 5,000,000 volts. It is estimated to exist for a hundredth of a billionth second. A gram of ordinary salt would be transformed to a radioactive substance more deadly than a million of radium ... it would destroy all that it came in contact with.
>
> (Scientific Press, May 1937).

"So now we know where to look as we keep an eagle eye on betatron research. . . But the Cornell physicists do not suspect that the proton has a definite shatterable structure . . ."

In the interim, and without having seen the above communication from Assoc. L.M., Roger Graham wrote in part as follows: "How, if 938 million electron volts is a critical value for fission of the proton, is it that cosmic rays have not already produced the catastrophic results predicted by the Assoc. in Duluth - since their

values range from below that to a hundred times that amount... To make my position clear, I believe such prophecies of gloom are not only harmful, but will reflect against BSRA to its detriment. I am aware you are not taking any personal stand in the matter, and neither am I. I made my statement in the interests of counteracting the gloom prediction of the destruction of the earth."

(An answer, or partial answer to the question about the cosmic rays, may appear from the notes by the M.P. communicators, quoted below. As to Mr. Graham's other point: certainly neither RR nor any BSRA publication desires to sensationalize scientific facts or theories, or to cry alarm unnecessarily. But if there is (as seems very possible) a real question as to the fissionability of the proton, and as to the possible results, it seems to me rather a duty than a public disservice, to give our readers a factual account of the situation. M.L.)

Relevant communication from M.C.- As most of our readers will recall, "M.C." has long been one of Round Robin's most valued contributors. A recent gathering at her home included "a physicist, two psychologists, a biologist, a chemist, a painter", and several other professional workers - none of whose names, unfortunately, can be given here. The subject of nuclear fission came up, M.C. made a few notes from memory, and has passed them along to RR, 'just in case' they proved of interest - as they certainly have. I regret that only the briefest summary can be offered here.

"The Big If was" (writes M.C.) "suppose the discoveries of nuclear physics outran man's ability to control the snowballing effects of some experiments. What about effects in the chemical sphere, and repercussions on the 'other planes' as well? "

"Early in the history of fission experiments there was much talk about possibilities of a chain reaction. Later, various 'authorities' disclaimed this possibility -- some from the point of view that there is not enough fissionable material to sustain the reaction, and some from the standpoint that the 'level of energy' produced by a man-made explosion is not sufficiently high to set off such a reaction. This question was put to the physicist referred to, and his reply follows:

> 'First, the arguments, being based on assumptions, are worth only the weight of those assumptions. They belong to a consideration of 'probability' and are wishful arguments. Matter is composed entirely of stresses or tensions between energy fields: if they react with the tensions in our sensory mechanisms, we perceive matter. If there is no reaction, or if it lies below the level of awareness, we perceive nothing. Perceived reactions that donot register with our senses as matter, we call energy. That is the only difference between matter and energy.
>
> 'The existence of a field presupposes organization of energy; and whatever is organized can become disorganized. All matter and all energy is fissionable, so it becomes ridiculous to say

there is not enough fissionable material in the earth's crust to sustain a chain reaction. Some substances are more stable than others, it is true. . . In my opinion, any known measurement of the energy necessary to disorganize a chemical 'field' will be variable. It is an extremely ticklish situation.

'It is inaccurate to state that a man-made explosion would not reach sufficient intensity to trigger off a chain reaction in - volving materials not fissionable under ordinary conditions. The actual conditions existing in the heart of an atomic ex - plosion are calculable mathematically - but any calculation is on- ly an assumption that seems to be correct, since direct observa - tion is still impossible

'An atomic bomb exploded in the open air is subject to condi - tions that are carefully excluded from a controlled laboratory ex- periment . .

'Yes, I definitely think a reaction involving the entire planet is possible. But our ignorance makes it impossible to calculate the probability of such an occurrence.

(Question):

In your opinion, then, man is working on the borders of inter - plane reaction in his experiments with nuclear fission?

'Exactly! The chemical world is 'energy'. The status of energy as matter depends upon the sensory organization of the observing entity. Your own scientific observations should convince you that man has already stepped across the borders of interplane re- action in several of his experiments, as, according to your remark- ably complete history, he has done in the past - and by extension of the idea, may do again, if he survives.

(Question):

What would happen in the chemical world, if a reaction involving the whole planet actually took place?

'That is unpredictable and any opinion is based upon specula - tion. However, my speculations allow for the shattering of the planetary shell and the formation of a second asteroid belt some- where near the present orbit of the earth. That, in my opinion, is the least that might happen. At the other end of the scale, the reaction might become intense enough to involve the sun - a none too-stable star. I can imagine such a bi-polar reaction convert- ing the sun into a nova, and the whole thing settling down finally into a nebula - perhaps a ring nebula similar to the one in the constellation Lyra.

(Question)

How could the explosion of the earth involve the sun?

'If the fissioning elements built up a reaction of sufficient intensity, or of a quality or pattern to effect disorganization of all or most of the earth, the planet would become, at least temporarily, a second sun. The conditions would approach those

existing in the sun. An exchange of energy between the two would be almost inevitable. A flow of energy from the sun might easily be produced. Within about ten days the matter that had been the earth would have been pulled around about half its orbit, and in less than a month it would be distributed in a ring around the sun - a ring that might conceivably envelop the solar system. . . Who can say whether any of the other planets would be destroyed also? ... "

The foregoing is the substance of the opinions of a distinguished physicist, as reported to RR by M.C. On January 15, during a conversation on this subject in the presence of Mark Probert, a clairaudient communication was received. The communicator identified himself as Professor Twining, a mathematician well known to the San Diego group. His death took place about a year ago, and he has communicated several times through Mark P. He identified himself as the one who had given the equation above quoted. The notes were taken hastily but I give them as they stand:

.... (The proton) "will shatter into two similar halves and the released energy will cause shattering of other protons by vibration. But the released energy of a proton of one form of matter unless equal to or stronger than the proton energy in other matter, will not cause a chain reaction. Nevertheless the resultant blast would be sufficient to cause sudden and violent mutation of the electronic field of the atoms. This in itself would release the necessary energy to complete proton fission in all other matter, with no jumps between.

"I'm sorry not to have given you my name heretofore, but I've been debating with myself the advisability of it. It was I who presented the equation picture to you and our friend Meade Layne. I hope my good friend . . . will not feel hurt because I've failed to make good contacts with him as we promised to do if possible. I can positively assure you all is well with me, and shall be with you when you come over here. Things are a great deal different than I had any idea of, or than you can now suppose.

"Yes, as I see it - the "K" is kinetic energy, the x at the foot of the K is " - (repeated efforts to express himself, but Mark P. could not understand) - "It's a hell of a job to get this across." (Q. by ML. Does it mean the atomic number - number of protons, positive nuclear charge?). "Well, yes. It means the unknown energy or the one chosen. It belongs where you have it, otherwise it would be a formula and would have to be explained. If you will permit me I will say, thank God you are all doing a greater work than you think. Keep on with it!

"Tell your friend Millard his math is beautiful, and I'm sorry to say his theory of the proton breaking is all too true. Yes, once the proton energy is set free artificially it will start the fireworks; that, as you may know, will turn the earth into a huge gaseous ball of fire, but its smaller size will leave

it a victim of the sun. It will be drawn into the sun at a terrific rate of speed, and this will cause a general and terrifying dis - ruption of all bodies in or near the sun. All that you have read - (from the M.C.notes above quoted) - is a vast possibility. In fact, if you will note in the writings of The Rise and Fall of Man -(a work being dictated to Mark Probert clairaudiently) - it was mentioned that planets do not collide and explode, but run into other suns and cause an explosion by mutation of the planetary matter, which in turn creates other suns. Tell F.L... etc. (personal message)."

On Sunday January 16 a further communication was received, this time through the trance control Lingford (not clairaudience): the stenographic transcript follows.

Control: Lingford:

"Now, you're all anxious to find out whether there is a possibility of your all arriving on my plane in one family group, eh? From our viewpoint, and we have talked at great length on this matter ever since your first atomic bomb was dropped - we had watched the whole works in process and we knew what was coming - I'm here this after - noon to tell you, that in the opinions of the rest of the inner circle, the splitting of the proton will be the ever-loving end of all of you. Of course, there is some speculation as to whether we over here will also be affected. -(Q)- Yes, we will. Physically speaking the ones on the lower astral, or the ones caught on the lower astral, will most decidedly be affected by it - putting them through what you would call 'unconsciousness'. Can you imagine what the results of such a beautiful explosion would be? What the effect of those hammer-like blows?

(M.L. I suppose it might wreck the whole solar system, but I didn't suppose it would affect your side).

Ling. Have any of you ever had the pleasure of watching the psychic body leave the physical body? - (No, no one here) - Do you not suppose it is a physical structure and therefore composed of a form of atoms, molecules, whatever goes with them?

(Q. Isn't that true of all the vehicles?)

Ling. Yes.

(Q. Then it is a question how far the effects would reach)

Ling. There will be no waiting in what you call TIME for reforming of the earth again. Man's consciousness will then have to ex - tend out quite a way from this - not present world, but from this galaxy.

(Q. Probably the people of this planet would come to conscious - ness on some other level. Would that be true of your plane also?).

Ling. Yes, but not for a long, long time to come. We have no doubt but that your earth here would just be sucked into the sun.

(Q. Theoretically, you think this proton fission is obtainable in the laboratory?)

Lingford: Yes, we most assuredly do.

(ML. I don't think I'm going to ask you whether you believe it will be attained).

Ling. I can tell you that it will most certainly be worked at.

(I.P. What type of metal might be used as a shield?)

Ling. If the scientists, whoever they may be, start experiments like that, and their mathematical calculations happen to be wrong in making that shield - I need say no more! -(Q)- You have in this country the best scientific minds in the world, but an amateur in some other country is liable to do the work.

(ML. I'll ask you this: Has anyone on your side accurate knowledge as to whether this will take place?)

Ling. I don't like to speak for others on either side, but it is my personal opinion that it will not happen. -(Q)- No, not prevented, but just not gone into. The knowledge will be acquired by mathematics and let to stand at that. A scientist does not desire to destroy the world - they are intelligent enough to know the results. Unless a man is mad, insane, he certainly will not carry out the deed.

(ML. So far as I know, almost none of the physicists accept the possibility of proton fission).

Ling. Be that as it may, it will be worked out on paper anyway. Man creates and man destroys. Sometimes he is not aware of the process that he goes through to work up to the point of destroying what he has made, but yet it is done. When man discovers he is a creator in every sense of the word, he is less likely to misuse his powers. It is the not understanding of himself that causes the misuse of his powers.

(ML. Is there any chance of intervention by higher Entities?)

Ling. Yes, there is - but sometimes they can go only so far in their interference with people on another plane. Every plane is given to help those on another. There is continued aid and communication throughout the planes. -(Q)- Yes, scientists of the Etheric plane understand the matter and are aware of the entire consequences, but even so, they can go just so far in stopping a thing. Not that they could not stop it completely, but if they do, that will interfere with man's growth.

(ML. It would also seem to interfere with his growth if the planet is reduced to a nova..

Ling. Yes, to some extent; but life is an endless activity.

(Mrs.C): You said many of us would be unconscious for a long time.

Ling. Yes, but so many of you are unconscious now! (Q).Yes, he would always find another plane of consciousness to carry on. Life would persist. Nature is not interested in one man or two men or an entire nation. It can be, in your eyes, entirely wiped out - like stepping on an anthill. Is Nature interested in the wiping out of those thousands or tens of thousands of ants? No - she would make

more ants. Not that I am comparing men to ants! -(Q)- Yes, there is always a reaction in Nature (to any event); starting with what you call thought, right on out, there is continued action. Sometimes it appears to work out in what you call sequence, but that is only something you seem to see by looking at the surface of the picture. When you consider life as a whole, where are you going to get your continuations from?. There is a never-beginning and a never-ending. It is something that the brain can gain no clear comprehension of. There are many individuals who have the ability to suddenly see all, to see the picture as a whole. But that observation lasts for only a split second of time. That is what they call illumination. . . . .

I shall withdraw now and let one of these eminent Oriental philosophers take my place. I have learned so much since coming into contact with these gentle people, in the two years or more since I entered the inner circle. I knew nothing of them before that.

- end -

The foregoing pages must speak for themselves. The Editor, believing them of great importance, recommends them to the attention of physicists and mathematicians - though with the usual misgivings where anything of a 'psychic'nature is involved. Fortunately, however, there is now a considerable number of students of nuclear physics who are well-informed on psychic, spiritistic and other 'borderland' subjects - and hence very open-minded and disposed to profit by them. The future belongs to them - if future there be! The future of our culture, the fate of civilization is in their hands. More specifically, our most desperate need is to realize that help for every human problem, in every department of knowledge is available, may be had from our invisible brothers, from scholars and scientists, minds of the first order, who are eager to help us, and have the advantage of viewpoints and long experience which no one on our own plane can possibly possess. This type of mind - the combination of occultist, scientist, and philosopher - is exactly the type our culture has NOT produced; in lieu we have a dichotomy, a deep destructive cleavage between the scientism called science, and the intensely practical knowledge of facts and laws called 'occult' and 'spiritistic'. It is imperative that this folly be outgrown and over-passed. "The Light from the Other Side", wrote Egon Friedell - "the next chapter in the history of European culture will be the history of this Light." Some, in fact many (to repeat) are showing themselves capable of understanding this situation, of at least holding out their hands for the receiving even of invisible gifts. They are, however, the pioneers of the New Order, it is 'later than we think', and the Sun is not stayed in its courses. . . It is for those who can understand such things, that the few pages of this magazine are printed, in service of a Cause far larger than any Cult or Creed.

ML

- "THE OPEN ROAD" -

M. C. **

"Can we talk about the Universe from a seldom-explored angle -- and make easy reading?"

There are some of us who would answer that question with another question: "Can we let materialistic science get ahead of us?"

There are enough popular articles on "chemical world" scientific subjects written every month to support a number of magazines. Their readers demand a simple explanation of theories and operations that are staggering in mathematical language. The busy reader wants things in words and symbols, pictures and diagrams for which he has developed associations. Otherwise he forgets, and feels that he does not know and cannot learn about these complicated things.

This is a risky situation from the point of view of an educator, because it leads to an unfounded reverence for something supposedly out of the ordinary reach. It is a human failing to make virtue of necessity, either real or imagined. "I cannot understand, although I want to -- so, in order to keep up my own opinion of my abilities -- my self-respect -- I will justify my position by sanctifying what I cannot understand," is a thought-sequence that can build up from a feeling of inadequacy.

Of course, nobody really thinks that clearly about it 'aloud in his own mind,' but deep down among the associating memory patterns the new arrangement can come out that way and become a habit of thought. The person who has contracted such a thought-habit can pass it along to other people, and a policy of awe and hush-hush can become an accepted pattern of thought for them upon the subject involved.

Surprisingly enough, we find this very chain of events in "chemical world" scientific thinking, every now and then. We find it,too, in "occult" thinking.

Some day the greatest gift of modern science to the world will be decided upon. Maybe it will not be any material development at all. Perhaps that choice of the future will fall upon the scientific procedure of investigation -- which will be recognized by its fruits. This is assuming, of course, that wisdom will increase with the passage of time, and that our children will value the tree above its crop for any given season.

Reverence comes naturally to man when he contemplates the universe and its laws, as he is able to perceive them. But false-reverence becomes a tragedy for man if it paralyzes his highest faculties -- as it nearly always does -- and he no longer tries to understand. This is a

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** The first of a series of short articles designed as a commonsense approach to the "occult" phases of Borderland Science. "Afoot and light-hearted I take to the open Road" (Whitman).

tragedy that can happen only if one's reverence is really for the limited self-conscious feelings that may be hurt by the admission of a little healthy ignorance. Real, out-going reverence makes us want to know more about whatever it is that has inspired us. Reverent, intelligent investigation of the worlds around us is free to everyone.

Mathematical and technically scientific language are not the only means of expression for a developed understanding of life. In fact, in time they may turn out to mean far less than our 'conditioned' minds now think they do. A part of one season's crop from the tree, but by no means the tree itself. It is possible to know a lot about a tree without being able to state the mathematical formula for the rise and fall of its sap; without knowing the chemical equations that permit the laboratory reproduction of chlorophyll, and without knowing everything there is to know about photo-synthesis.

So, with the method, but without the language of the specialist; with the processes of thought, but without the dissection and detailed analysis that so often passes for ultimate understanding in the "chemical world"; in simple patterns of association that the memory of a child of these times can follow easily, scientific information is being dispensed at twenty-five cents a month all over this country.

If we want to keep up with that highly successful program, we would be wise to find a way to make the 'occult' easier to see. 'Occult' means "kept secret." On that definition alone, it is becoming an outdated word -- revelation follows revelation in our time.

"Occult" also means "mysterious, beyond the range of ordinary knowledge" -- which is as good a definition as any for the relatively unexplored, but explorable, regions of the universe.

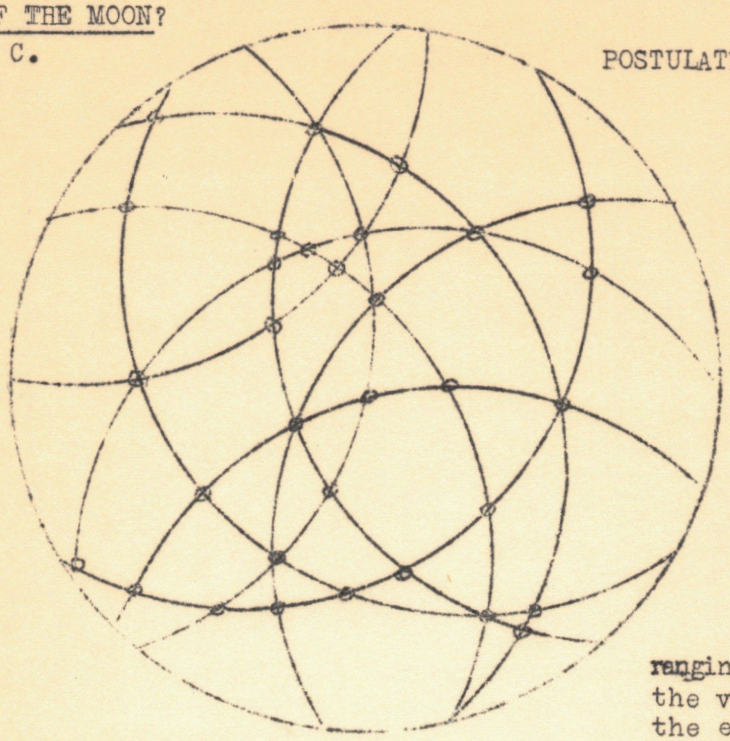
Let us make some expeditions, then, and like mundane explorers, let's travel 'light'. We believe no earnest explorer can escape being reverent, but he need not be sanctimonious. (The most successful explorers are not such self-conscious people.) All such personal adornments will only weigh us down. So will the luxuries of the laboratory--the heavy equipment of technical research, and the priestly robes of the inner sanctum.

If our chief purpose is to 'get somewhere', and not just to analyze the processes of going so that we can build a machine to do it for us, our needs will be simple for the journey. We can sing with Mr. Whitman, "Afoot and light-hearted, I take to the open road."

With that spirit, the letters we write home will be simple and easy reading.

MAP OF THE MOON?

By M. C.



POSTULATE: The Universe as a single active energy.

(It is easy to think about it as a sphere, and convenient, because the surface of a sphere is boundless, but not infinite. Since it is not infinite, it is subject to tensions: it acts and reacts upon itself. It may be a bubble.)

SUPPOSE: Since the energy is active (and reacting upon itself -- see above), the energy develops an enormous number of frequencies, ranging from the very high to the very low. Being active, the energy then seems (to anybody who doesn't have enough perspective to see it as a unit) to be composed of an enormous number of streams of all kinds and forms of energies. (A soap bubble is obviously a bubble from a little distance, but very close inspection reveals a film of iridescent 'something' in constant motion, undergoing constant change.)

SUPPOSE: Since the energy is actually one energy, there is the possibility that the streams arising from its action and reaction intersect with one another, forming a complicated web in the surface-film. Wherever this happens, the energy-streams involved might produce a kind of minor field around the point of intersection. It would be different (a little, and in detail) to other such fields produced by intersecting energies of the same general type, but still it would be recognisable as a definite kind of field.

SUPPOSE: The activity within these minor fields could be given simple names, like "sensibility", "feeling", "emotion", "thinking", "reasoning", and a lot of others. And suppose, further, that the streams of energy intersecting were of a frequency that was relatively high compared to the majority of frequencies produced in the minor fields themselves. The original intersecting streams might be invisible, intangible, and altogether imperceptible to the "sensibility," "feeling," "emotion," "thinking," or even the "reasoning" of the majority of minor fields. It may be, under these conditions, that the minor fields would be sensible of themselves as individuals. They would feel separate from other fields of which they were sensible. They would react emotionally to these impressions and feelings. Some of them would think about all this and evolve explanations qualified by their respective sensations, feelings, and emotional reactions, and whatever form their reasoning took would be inclined to follow patterns possible within the structure of the intersection that produced them.

A Cosmic Bubble-Juggler might even, in time be Postulated.

- HAROLD BELL WRIGHT FREES HIS MIND -

(Round Robin presents with pleasure a new contributor - though, since he belongs to the genus of the Invisibles, he will be regarded with great suspicion. The Editor personally regards the communication as "genuine" - and the opinions expressed in it as most natural and legitimate. - Mediumship of Mark Probert):-

"The smug and pretentious fabrications out of which man has built up his physical and spiritual history are little short of nauseating!

It is little wonder that so few of your men of science will listen to anything that purports to come from our side, or the so-called death-side of life. The very fact that the source of all such information is classified as 'paranormal' places an undying stigma on all that is said, and due to the outrageous methods of approaching this most important of all subjects, it has been allowed to fall into the unsteady hands of the uneducated and untrained religionists, who have done nothing but emotionalize it to such a point that but few men and women who consider themselves stableminded will have anything to do with it: even those who do, make a pointed effort to keep their names out of its tainting reach.

"When a young man or woman is discovered to possess an unusual talent for any Art or science, he is as a rule taken and trained for that particular field; but let a child or an adult show little more than a tendency toward being what you call a sensitive or a medium, and what happens to the poor unfortunate? If a child, it is beaten or talked out of him; if an adult, he is persecuted by the law, sneered at by the layman, and ostracised by the orthodox Churches.

"Many who know no better believe so-called spiritualism originated with the tappings at the Fox sisters' home, in the 19th century. This is merely some more of the smug fabrication I spoke of. For those who know, I need not say that communication of one kind or another has been going on between the various planes since man first put his foot upon earth; and regardless of what the blind, deaf and lame of mind have to say to the contrary, there is such a staggering mountain of proof as to survival and communication, the tower of Babel could be rebuilt from the material. Indeed, this is just what seems to have happened; the material has been wrangled over so long, that all of the slaves as well as the Boss-man lost sight of its true meaning, until now all talk in different tongues when the subject is brought up.

"You all act as though you did not realize that life and death are synonymus with one another. Despite the brutal fact that you slaughter one another by millions in wars and on your streets, you act as though death did not in the least concern you as individuals. You go about your daily living with your psychological barriers so set in horror against death, that you have somehow come to believe this unseen spectre will never sit on your door-step. Oh, no! Such could not happen to you or yours; you are going to retain your

physical little self though all around you may be going through the change, so why concern yourself with something so morbid? So neurotic and demoralizing! What is it to you if there is another world! Why should you be so foolish as to put your reputation as a normal and sane person in jeopardy! After all, if some dear one of yours happens suddenly to dash out of this world with the speed of a wild stallion, you can go bring him flowers and weep copiously at his graveside - as they did with me; then after your grief has worn you out physically and mentally and you manage to adjust yourself, you soon forget, and go merrily on your unthinking and unreasoning way!

"I suppose, my friends, I have ranted enough for my first opportunity of getting through to you - I've been trying for some time. I've had all the above on my chest for years, and I owe you much for loaning me the bicarbonate effects of your pen. Mental indigestion is far worse than that of the intestines.

May God bless you, and all those connected with your labors! I do hope I may come again.

Harold Bell Wright. (1-28-'49).

* *

GIGANTISM: Editor Dave Dagmar sends clip - headed "Los Angeles, UP - Aug. 5, 1947." A band of amateur archeologists announced they have discovered a lost civilization of 9-ft.-tall men in California caverns. . . The caverns contain mummies of men and animals and implements of a culture 80,000 years old but in some respects more advanced than ours ... professional archeologists were sceptical ... several caverns contained mumified remains of a race of men 8 to 9 feet tall... one contained a ritual hall with devices and markings similar to the Masonic. Some catastrophe apparently drove the people into the caves ... there were stoves that apparently cooked by radio waves.. I know you won't believe that' (Quotes from H.E.Hill, spokesman of the expedition).

Assoc. Hilliard sends clip from St.Paul Dispatch (12-27-48). It mentions the Java man ('twice the size of a gorilla'), the Peiping man (' a hulking 1,000-pounder'), then a "third giant" (petrified) found in South Africa, bigger than the Java speciman. These finds, along with much related data, are entirely authentic. There has been much recent interest and a whole series of articles and reports on this subject; the scientific question is the status of these giants with respect to the human race as we know it - ancestors, a dead branch of the family tree - or what? The common idea has been, our remote ancestors were of pigmy size. Part of our RR interest in this, springs from the way it 'clicks' with statements of the Communicators of the Mark Probert seances; they maintain that this earth was colonized by the Etherians, who at first experimented by making themselves of giant size, found the bodies were too heavy. Are these giant remains perhaps those of degenerate descendants of the first earth-etherians? But the "million years" of current scientism is certainly far too short for such perspective as this.

H. P. B. ON THE LOKAS

Associate JOHN HILLIARD Takes Note of BSRA Release 11-B-8

When I was a small boy, in the first grade, I got into the high school storeroom one day and took from there a text on analytical geometry. I took it home and kept it for a long time. The high school was then situated on the same grounds with the grade school I attended. I couldn't read well enough to make any sense of the math, but the geometric diagrams kept my interest many days. I've often thought since then, just how would a person explain the whole of analytic geometry to a first grader? To teach him how the diagrams go might be easy enough if he were a precocious youngster, but the reasoning expressed in the geometric and algebraic equations would be well nigh impossible, unless the youngster were a born genius (there are those "Quiz Kids", you know).

It just strikes me, in reading this quote from H.P.B. that the Masters (who give knowledge to those so presumptious as to suppose they could understand) trim that knowledge down to a series of "pretty diagrams". I always feel there is a great deal missing from the "science" we receive. As a boy, my teachers could have given me the diagrams of analytical geometry -- I would have enjoyed them, and probably felt that I knew a little more than anyone else; I would never have missed the equations. It is also true of us in these forms of higher learning. They give us the "pretty diagrams" to muse over, but the equations would be incomprehensible to most of us.

Now, I think that handmaiden of science, mathematics, is the symbolism of the mechanics of the mind. As we apprehend ourselves physically, we are prone to believe there is no more to our being than physicality. But I rather think we are spiritual entities of a high order who have undertaken to raise, from primordial matter, some units of life energy into a state of spirituality. These units of life energy are now our persona. By comparison with our intelligence status, these persona are as babes indeed. Though we know the equations which explain all the symbolisms, we cannot impart such knowledge to our persona all at once, but gradually -- grade by grade. We know the equations and the diagrams, for it is by the manipulation of these that we know how to form the person, to control and instruct it. That, indeed, is the basis of the science by which this material being - man - has been caused to be. That is a spiritual science far too complex for any material definition or comprehension.

As we evolve the persona and instruct it in the "sciences"-- and we here refer to the spiritual sciences -- it reflects this instruction in the physical sciences. Mathematics, as a science, is a symbolical presentation of the reasoning of the mind. And because all science is a mode of reasoning, mathematics forms its foundation, is the bedrock on which it rests.

The most exact of modern mathematical methods are but kindergarten stuff by comparison with the math of spiritual science, the science of the creator of this person. And yet, I suspect that math as we know it in all its branches and applications is identical with rudimentary math of the spiritual order to which we belong.

Let us now approach this idea from another angle. Pat, who was widely travelled, and Mike, who had seen none of the world except his own backyard, went up on one of the Blue Ridge Mountains of Virginia, Mike's home state. Showing Mike the beautiful panorama below, Pat said, "That, my friend, is the State of Virginia." "That's a fact," Mike replied. "And would you know there are forty-eight such states in these United States?" "Is that so?" replied Mike, "That's remarkable." Then Pat adds, "Yes, and some of them have mountains nearly twice as high as any of these." "That's absurd!" snapped Mike, "In fact, it's impossible." "Well, we won't argue the point," says Pat. And so they remain good friends.

If H. P. B. and many another occultist tells there are worlds within worlds, to us, as to Mike, it may or may not seem so; they are simply stating what is to them simple fact.

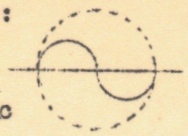
The cataloging of facts is one of the modes of science. In the catalog things are arranged according to type, species or appearance, etc. It doesn't seem that mathematics enters into this picture. But the process of reasoning by which the family and type place of a thing is determined is a mode of mathematics. This is the kind of science that is represented in H.P.B.'s letter which is quoted in the BSRA release. It is non-analytic. It is a cataloging system, by which our world is located with respect to the rest. But there is a hint, in the vague reference to dimensions, of deeper things, a more complex mode of mathematics that goes with, and is a part of, the catalog system. Where she speaks of the spirals within spirals, all we get are the "spirals," the "pretty diagrams." Where are the defining equations?

If a spiral represents the idea at all adequately, they should also serve as means of direct analysis of dimensional relationships of the matters of all these sundry worlds. A spiral can be drawn which is a true picture of a "progression," whether of arithmetic, geometry, or any other series. And the curvature of the spiral, as well as its rate of change in its several directions of motion, may have symbolic meaning of a highly revealing kind.

Either the Teachers have deliberately withheld defining equations, or Theosophists have foolishly ignored their possibilities; or they know and are not telling.

On the other hand, I know how impossible it is to get students to study. They prefer to listen to lectures about the "pretty diagrams" but when it comes to learning the defining equations - uh-uh, that's too much like work. When I started that, my class ran out on me in about three lessons. Only one in a thousand cares to study. The rest merely want entertainment. My sympathies are with our spiritual Instructors.

Referring to the previous B.S.R.A. report and specifically to your diagram, it struck me that the two half-circles that

form the inner structure of the symbol may well be the figurative presentation of a sine wave, thus:  The sine wave form may represent the harmonic motion of a point moving in a circle. They also define vibration. If all we had was the figure, we'd be stuck, but the algebraic equation $x^2 + y^2 = n$, where n is a real number, defines the circle and consequently the sine wave too. It is from this reasoning that it seems to me that we get some of the "pretty pictures" and very little, if any, of the equations that define the pictures.

Vibration may well be the basis of the interpretation of the fourteen worlds. And the sine wave defines a pure harmonic vibration.

As to the fourth dimension, there are many -- if by "dimension" we mean worlds that are describable in terms of some kind of geometry -- that is, which have a dimensionality. If we mean the fourth, fifth, etc., perpendicular to a physical geometric solid -- well, I see no reason to warp the mind that way when these "planes" can be approached by another easier route.

Referring to our own pet theory, where the matter of the cosmos is continuous through all the so-called dimensions, it is highly probable that as we move along the periodic scale of cosmic matter, that its basic properties will change through sequent groups of octaves. This change is the basis of the difference between the physical matter we know and the other kinds of matter, such as etheric, astral, mental, spiritual -- that is, from our point of view. Thus the materials of the various Lokas are not wholly independent of one another. In certain ways a substance in one may affect the substance of another; the observer in either may apprehend one as an immaterial force, the other as a solid, liquid, gas, or a tenuous electric substance. We have an example of this right at hand in our own living person!

Science, by definition, is the collecting and cataloguing of facts; physics is the mathematical description of the properties of matter. Mind you, it is the description of the properties of matter, not matter. Although some scientists are so dogmatic as to think they describe matter. As such, they only describe their own concepts; they are not talking about the thing as itself at all. But then, neither do we attempt to define matter as such, but seek rather to measure and define its properties, beginning here with the known and working outward toward the unknown.

It is well enough to say there are worlds within worlds -- let us know the properties of the substances of these worlds and we will immediately know why they are within, without, and round-about. We will then know how they be independent, in some way interactive in another.

My Father's Kingdom is immense!

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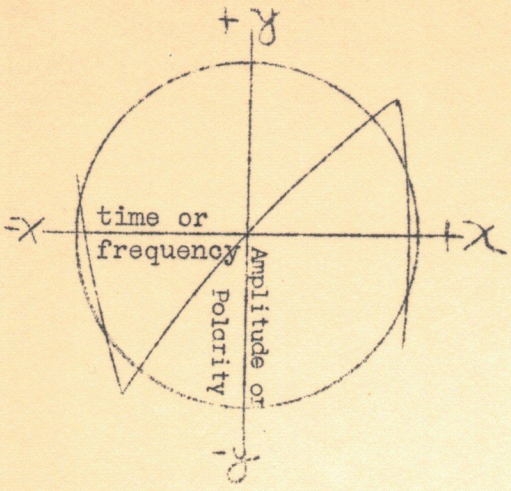

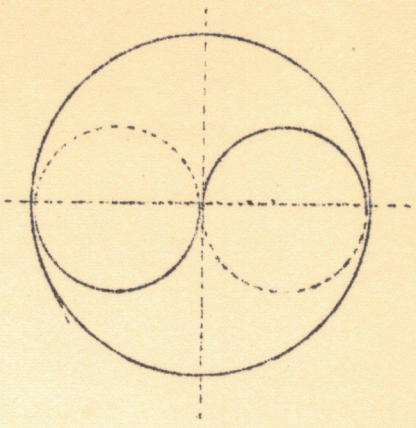

The sine-wave and its generating circle
Defining formula: $x^2 + y^2 = n$ (a real number)

fig A fig B

In Fig.A, I have drawn a sine-wave superimposed on its generating circle.A point traveling around the circle at a constant speed generates a sine-wave when its motion is plotted against time or some other quantity represented as a straight line, usually the X-axis.

It is called a sine-wave because it represents the ratio between the radius of the circle and a line drawn vertical to the X-axis and intersecting the circle in the same point with the radius.When the radius is moved around the circle we see the length of the line change from zero to the length of the radius and then again to zero. The radius is a constant. If we take the ratio of the varying length of the line to the radius of each degree in the circle and plot these values in a graph, we will get a sine-wave.

One of the significant things about these values is that they are not dependent on arbitrary quantities. Whether we measure the sides of the triangle in miles or inches makes no difference.The length of the hypotenuse, which is the radiusof the circle, is constant,and only the two sides vary as the point moves around the circle.It is true also that no matter how many parts we divide the circle into for degrees, these ratios will be the same for every equivalent sector of the circle.

In the figure the radius may represent any constant quantity to which other variables may form a ratio.These represent the operation of a force or the result of the mutual action of several forces. In the symbolism representing planes within planes it may represent that relationship between them that is a constant for allconditions. The radius also enters into the calculation of the area of the circle and areas are used to represent work,or the motion of energy through time.

The wave form represents vibration, periodicity, varying polarity,rhythm, ebb and flow, time sequence,etc.,etc. It represents all ratios where alternation is a factor.Thus, the wave form may have any shape, even that of a sequence of half circles. The shape of the wave may represent those variations of force required to produce a given effect.

In the symbols we also have the cross.In mathematics it is a reference frame.The cross may also be a reference frame in spiritual matters, where the arm refers to one phase of evolution,(say the involvment of spirit into matter) the shaft then measures the other phase of evolution (where spirit transmutes matter into energy). The curves and angels that refer to the cross would then define how one phase is related to the other as to time and the spiralic rhythm of events.A spiral gives us a damped wave:

But in all these things the pictures are of little use without the defining equations.

SOME GENERAL CONSIDERATIONS
bearing on the
LITTLEFIELD EXPERIMENTS -

In March 1948 The Flying Roll, a companion publication to Round Robin published an article entitled The Littlefield Experiments; this was reprinted later in a mimeographed booklet, The Morley-Martin Experiments & the Experiments of Dr. Charles W. Littlefield*. The former (the M-M experiments) concerned the abiogenesis of organic forms; the latter described the effect of mind 'energy'** on the formation of microscopic crystals, and at certain points seemed to reach into the production of living organisms also, thus integrating to some extent with the Morley-Martin results. Dr. Littlefield also advised the use of verbal formulae or mantrams in producing such effects. It is to be regretted, from one point of view, that Dr. Littlefield's formidable books are vitiated in the eyes of many by a strong 'mystical' element; however, the results he alleges can be checked by proper experiment and are incapable of being produced fraudulently. A scientific world less under the hypnosis of intolerance would have pursued these results with active interest. They were, in fact, quite a sensation for a time, but then fell into neglect and obscurity. Yet they were a startling demonstration, by rigidly scientific means, of the existence of the PK (psychokinetic, 'mind-energy') effect, long before the elaborate experiments of Professor Rhine established the same thesis.

What I wish to do here, is to refer to some already obvious considerations which make a good a priori case for the "Littlefield effects" - the creation of definite microscopic forms thru mental 'energy', or psycho-physical energy. They may be 'obvious', but they were not so in the first two decades of this century, and among the scientists who now regard them as elementary, very few care to pursue their implications. These share the fate of the Morley-Martin research, though the effects of both on contemporary psycho-biological theories would be revolutionary. The 'considerations' mentioned include (1) elementary phenomena of the creative effects of sound, and the sound 'spectrum' (without adventuring into the limitless perspect-

*28 pp. mimeo. To be had from Round Robin; $1.00

** Energy, in physics, is capacity for doing work, and the amount is measured by the work done. The energy of radiation, gravity, magnetism, varies inversely to the square of the distance; but there is no evidence that 'mind-energy' conforms to this law - hence the single quotes around the word energy, and use of the term energic, passim, in this article.

The present article, tho' repetitive in some paragraphs of parts of the Morley-Martin booklet, appears also as an addendum to the second printing of the latter.

ives of the recent researches into supersonics) (2) the integration of the effects of inaudible sound with those of mind-'energy' (3) the experimental evidence for the energic quality of mind action (4) the basic identity of all energy-forms (5) the logical expectancy that the Littlefield effects would occur and that the use of mantrams would greatly advance them.

The creative effects of sound - - -

A number of these are summed up in a book called "Spiritual Healing", by Frank L. Riley, M.D.* After commenting on the harmonic series in connection with Bode's Law (v. general note following this article) Dr. Riley refers to Chladni's discovery, in 1785, that geometrical figures could be produced by drawing a violin bow along the edge of a brass plate scattered with fine sand or spores; he also discovered the effect of nodes formed by touching the edge of the plate.

This of course is now school-boy physics, but it will pay to go further with it for all that. In 1885 Margaret Watts Hughes invented the Eidophone, which consisted of a tube, a mouthpiece, and a hollow chamber shaped like the bowl of a pipe. This last was covered by a membrane (silk, rubber, paper etc.). On singing certain notes, the sand or lycopodium arranged itself into geometrical patterns. "The size of the disc must be varied to suit the lung capacity of the singer. When proper adjustments are made "a figure appears showing three centers of motion." As the voice ascends the scale varying forms are produced; in some cases there is a partial response, in others a definite resistance, whereupon "the operator experiences a difficulty in sustaining the note." The complexity of the pattern increases as the pitch rises; also, "too great intensity prevents the formation of a definite figure."

(Let us pause for definitions. Intensity in music means power, loud or soft as to degree of force - energy expended as estimated by the result obtained - it is not pitch. To the physicist, intensity depends on amplitude and frequency of vibration; it is the time rate of transfer of vibratory energy. In any medium it is proportional to the square of the frequency as well as the square of the amplitude).

This last phenomenon perplexed the inventor; it showed up on the diaphragm as a 'struggle between two distinct figures' (a result of the over-tones). The same note sung with less intensity, and then a similar note an octave higher, revealed the two figures which were 'struggling'. If the disc is flooded with water, the wavelets decrease in size but increase in number and complexity of pattern as the pitch rises.

If semi-liquids are used (colored), "primitive forms" are produced, but only by "very soft notes of steady, equal power" - and the forms change not with pitch but with intensity. If considerable powdered water color is added to the water, the forms "somewhat resemble" snow crystals and are produced by notes between upper G (soprano) and C sharp. These forms are often very minute and change rapidly during a single note of high pitch. Colored paste will produce "floral forms" under a suitable note and do not change during

its sustention; they disappear with a diminuendo and reappear with renewal and a slight crescendo. They become more perfect with repetition of the note, and as the paste hardens become permanent. Beautifully shaped daisy forms can be produced; even the petals are marked with "vein-like lines". At first there is a curious feeling, as tho' one were struggling with an impassable barrier or trying to move a moun - tain; then the whole mass begins to vibrate, it seems alive and under control, and the petals expand with every crescendo. Pansy, primrose, buttercup and other forms may be produced also.

In the hand eidophone the disc is coated as before, but a glass plate is also used, coated with the same substance, and placed flat on the table with coated side uppermost. "The disc is now reversed, set vibrating, and while vibrating is moved along the surface of the wet plate while a steady note is maintained. "Almost every variety of figure can be produced" - beautiful shell forms, seaweed, ferns, tree shapes,

It thus appears that it is possible to produce, or imitate, by means of vibration, a multitude of natural forms. And it is musical sounds, not noise, which effects the results. It would be easy to draw many analogies by translating these principles into metaphysical terms, or into terms of purely mental energies.

We have dealt so far with audible sound - the usual meaning of the word. But just as the color spectrum runs on into 'invisible colors - infra-red and ultra-violet; so the spectrum of sound ex - tends below and above the audible range (usually about 20 to 20,000 vibrations per second). Our informants* in fact assert that "thought has a sound"; that sound may originate on the etheric levels and descend into audibility, and that sound originating on our plane, tho' they fade out of audibility, continue on another level and may be heard there. A world of sound and color exists all about us, to which our senses do not respond.

Since audible sounds have such formative and creative effects as have been illustrated, it is a logical inference that inaudible sounds ('ultra-sonic') have equal or superior potencies.

For the same reason we can hardly question the assertion that a mantram (e.g.) may produce both powerful physiological effects, and effects in the world of dense matter, and much data could be pre - sented in support of this. There is nothing a priori objectionable in Dr. Littlefield's recommendation, that a spoken mantram be used in effecting certain formations of microscopic crystals. As to what mantrams produce what effects, the answer can be had by experiment only.

But Dr. Littlefield employed also the unspoken mantram. If words are audible thoughts, are not thoughts inaudible words? If words as sounds produce effects in the tangible world, why may not the word which is inaudible sound do likewise? It is axiomatic in

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* By "informants" is meant the invisible intelligences (persons) who communicate with us from the 'other side'.

physiology, that every mental state has its physiological concomitant. The dense body is neither more nor less and 'object' than chairs and tables. This body shades off, so to speak, into its etheric and astral duplicates. If these are unrecognized by scientism, the existence of the aura at least is widely accepted. That a modification of the cells of the dense body should leave the aura unaffected, is not a reasonable assumption. If a thought, the unspoken word, the inaudible sound affects the body, it may be presumed to affect the auric and magnetic field of the body also. "The range of action of a single electron is unlimited" writes Jeans. Only the most dogmatic effrontery can presume to place limits on the effects of mind-action.

Experimental data pointing in the same direction are to be found in the psychokinetic (PK) effects. As a rule no spoken word is em - ployed in these experiments; the subject wills that the dice fall so-and-so, and the effect is obtained far beyond statistical expectancy, whether they are thrown by the experimenter himself, by another, or by a machine. The informants (again) assert that the mental action modifies the magnetic field to produce the material effects. Be this as it may, there is an exteriorization of this mind-action. One effect of a mantram is to formulate the thought, the mind-activity, and to direct it outwardly to its object, or toward a mental or physiological condition. In view of the PK data, the Littlefield effects are logically plausible and to be expected. This remains true whether the mantram be spoken or merely thought - or indeed whether it be employed at all, since thought 'energy' does not depend on verbal formulations for its existence.

There are many avenues of approach to this subject, and an enormous amount of relevant data (the whole field of radiesthesia, for example), and I have already labored the subject too much; however, it may be well to state a concluding generalization. (1) All forms of kinetic energy have a common essential nature; i.e., they are always 'granular'; all bodies radiate, and all radiant bodies behave as if they contained harmonic oscillators (Planck). (2) Mind, thought, consciousness, attention, at least in association with an organism, are energic; they have capacity for doing work and they affect dense matter, whether or not they obey the law of inverse squares (as is most improbable). (3) Mind action is therefore also granular; there is no 'stream of consciousness', but rather a quantum flux - wherein, it seems to this writer, lies the basis of a new psychology and a reconstructed metaphysic.

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A General Note to the Foregoing:

Harmonics of vibration: Consider wave lengths and frequencies of a vibrating string of constant length. The first harmonic (fundamental) has its nodes at the ends only. If L represents the length of the string, then L is half the wave length, or W = 2L. The second harmonic has one intermediate node ; W = L. The 3rd harmonic has two

intermediate nodes: W = 2/3 L. The frequency of the 2nd harmonic is twice that of the first, and so on.

The 4th harmonic would have W equal to 1/2 L
The 5th harmonic would have W equal to 2/5 L
The 6th: W = 1/3 L. The 7th: W = 2/7 L. The 8th: W = 1/4 L.

Consider the piano keyboard:

C D E F G A B C D E F G A B C D E F G A B^{b} C D E (from middle C)

The first nine harmonics are indicated by underscoring. "Just as the spacings of these series are harmonic progressions, so are the associated wave lengths and frequencies reciprocal harmonic number-progressions." (Sound the Builder, G. Dyne, Theosophical Review, Oct., Nov., Dec. 1903).

Concerning Bode's Law:

Bode's Law obviously begins to break down withthe Saturn distance and is far astray with Neptune. A.E. Caswell and J.B. Penniston have each presented a series for the mean distances of planets from the sun:

	Mercury	Venus	Earth	Mars	Ceres	Jupiter	Saturn	Uranus	Neptune
B.	4	7	10	16	28	52	100	196	388
C.	3	4	5	6	8	11	15	21	27
P.	3	6	10	15	28	55	91	190	300

These two latter series offer small improvement. Caswell's U and N are poor. Penniston's U and N are good, but J and S are poor, and Mer. and V very bad. No single series has yet been discovered which meets all the condition, yet it is generally recognized that the distribution of distances is not 'accidental' or meaningless. All the series devised persist in clinging to multiples of whole numbers. Graydon however, compares the planetary system with the H atom and the orbits of its electron: his tabulation shows 25 relations of planet distances which approximate the squares of whole numbers. And the electron of the Bohr atom seeks orbits distant from the nucleus as 1-4-9-16 etc. (squares of 1-2-3-4 etc.). The principle of the squares is also shown by him to be in the background of the atomic weights, and is proved to be the only principle possible for expansion outward from any source at a constant rate. (Gravity is therefore a push or outward thrust). The square of the integer principle and the square series principle apply to the relation of the periodic groups atomic weights, and to the ascending order of the atomic weights. This work by Graydon (barely hinted at here) is the nearest approach to a mathematical identification of matter with

energy. "All natural phenomena can be traced to a single fundamental principle ... there are no accidents or jumps in natural law. The quanta states of physics are the effects of a natural flow from a central source ... (but) there is no mathematics in natural law" (but only in our ability to measure it) (Graydon).

This note may seem somewhat far afield from the general argument concerning the Littlefield experiments. I hoped to show that the energic character of mind, or mental action, is a natural and obvious inference; the more one brings the related concepts together the more clearly this appears. (This is not, of course, to say that the principle is definitely and rigidly 'proven!) To perceive the identity of words (thoughts) with sound (audible and/or extra-audible), is to introduce mind-action into the universe of energies; it establishes the probability that it is like all other energy forms in being 'atomic' or particulate, and in power to manifest in dense matter. Further, if sound is a formative and creative (as well as destructive) energy, then the thought and the word, spoken or mental only, may well possess like potency. The harmonics of vibration constitute the scientific approach. Dr. Riley, exploring this subject in a semi-popular way, invoked Bode's Law as being 'similar to the harmonic series'. Since Bode's Law is often referred to as 'discarded', Dr. Riley's expression "similar to"etc., must itself be discarded,or shown to have some other form . Now, Graydon makes it certain that some principle involving squares is at the bottom of the series of planetary distances - as well as of most or all natural phenomena. The formulation of this belongs to the future, but no one can imagine that the harmonic series will be ruled out of the concept.

Spiritual Healing; by Frank L. Riley, M.D. Phillips Pub. Co.,Los Angeles, 1917.

Dr. Riley, a practising physician, became interested in Christian Science through the remarkable healing of his wife. He later studied Theosophical teachings, and in 1900 experienced Illumination. He then devoted his time to healing by non-medical means, and to the study of occultism and comparitive religions. He would describe himself, when pressed, as a "New Thought Christian Theosophist". There is much mystical religionism in his book, but part of the data of Ch.X are relevant to this article.

New Laws for Natural Phenomena; Thomas H. Graydon. Christopher Publishing House, Boston, 1938. (64 pp.).

The Eidophone: Though the basic principles are well known, there is a fascinating field here for amateur experiment, in reproducing all kinds of natural objects by means of sound vibrations, in photographing and recording the results, and also in repeating or modifying Littlefield's remarkable operations. . . And the effects of sound (as of words and thoughts) upon the cells of the body, opens up also a new world of healing practise... As to the new science of supersonics, its horizons are limitless.

(end)

- CLIPS AND QUOTES -

Apropos of nuclear fission - and our lead-article in this issue, we report cheering (?)news from Palo Alto (Jan.2, UP, San Diego Trib.).

> Construction of a giant atom-smasher that actually may create matter from energy has begun at Stanford. The 100-ft. electron linear accelerator .. will hurl particles with an energy of more than a billion electron volts. Dr. William W. Hansen believes this high-energy bombardment will give scientists the laboratory equivalent of cosmic rays. It may also permit production*of protons and neutrons in what would be literally the creation of matter from energy. .. The accelerator will bombard the heart of the atom with a stream of billion-volt electrons. Other atom smashers such as the cyclotrons used used the heavy positively charged parti - cles. .. Hansen says (the achievement of) this physicist's dream will open a new field in elementary particle physics.

*This is a verbatim quote of a newspaper clip - and it's not quite clear how the bombardment of the proton with an electron stream is going to 'produce' protons. IF this energy can be imparted to an electron we feel quite sure Dr.Hansen and his colleagues will get results - might even be rewarded with a fine handsome Nova ...

Showers of Roses -- We referred to this item in last RR, and with all seemly scepticism - but then comes a memo. from BSR Associate Walter X. Osborn of Santa Cruz, Zambales,P.I., along with numerous clippings from the Manila Times. According to these, nuns of the Carmelite convent in Lipa City find rose petals in their cells and corridors, as well as "tossed by invisible hands about the premises ... they seem to fall from nowhere and at unexpected hours .. there are no roses in the convent, and none brought in ... hundreds have witnessed the showers." The reporter, Jim Austria, writes, "the petals fell suddenly. The wind was strong but the petals fell straight down to a single spot. I picked some up." Mrs Aurora A. Quezon and "a host of other prominent Manilans" visited the convent, and the shower fell three times during their visit. "The flowers carried a distinct and fragrant scent." -- A priori, and since we have learned from brother Charles Fort that almost every known substance has fallen 'out of the sky' at one time or another, there seems no good reason why rose petals should be an exception. Or maybe they belong to the apport class. Anyway, much to be preferred to stones, cactus leaves, slime, stone axes, live frogs, fungi and other oddities (passim from the Book of the Damned). Raindrops and snowflakes in last analysis are equally mysterious, but we have mental pigeonholes for them; a 'miracle' is simply unusual and unclassified.

Warning to Scientists RR friend Professor Charles J. Ryan calls attention to the following quotation from an article by Dr. J.B. Rhine, in Scientific Monthly (Sept.1941). Professor Ryan considers it an "important warning about the revolutionary effect

of ESP" investigations (extra-sensory perception - clairvoyance, clairaudience, telepathy etc.):

"The problem of determining whether ESP occurs is important at this stage in the history of psychology, not because of the practical interest in the possibility of extending the range of human perception- important as that may be. It is important primarily because the scientific world has settled down to the assumption that this extra-sensory class of phenomena does not occur - that it is, on a priori grounds, impossible. The trend of scientific thought regarding the relation between mental processes and the physical world, has since the days of Aristotle followed the lead attributed to that philosopher himself: nihil est in intellectu quod non fuerit priusquam in sensu - nothing can be perceived by the intellect before being perceived by the sense. To find, therefore, ever so slight an exception to this sensorial physical con eption would presumably have the same revolutionary consequences for modern psychology, that the discovery of ever so small an exception to Aristotelian astronomy had in the days of Galileo. . . . The scientific reconstruction that must follow is probably beyond present-day capacity to realize. But by this very eccentricity of the consequences of the ESP hypothesis may be measured roughly the shift of the center of scientific perspective of the universe which logically must follow in the fullness of time and with continued research. What has been found thus far is something to be explained, and later incorporated, in a much enlarged world of knowledge, more than it is a step of enlightenment itself. The investigation has been opened instead of closed."

Mystical Incense:

In the Theosophical Forum for October, 1948, Professor Charles J. Ryan (Theosophical University, Covina, Calif.) presents an article dealing with mystical perfumes generally, and particularly with the phenomenon at Glastonbury in 1909-10. The matter was reported in the London Daily Chronicle (June 21, 1910). An incense-like fragrance was noted by many persons, not only around Ivythorne Manor, but in other houses and in the streets of the town - "a strong aromatic smell" which appeared and vanished suddenly, and was "utterly unlike anything known" to those who experienced it. . . "Similar observations were made by Professor Zollner (1834-1882)", but the 19th century would of course have none of such nonsense. Professor Ryan now sends RR some additional points not mentioned in the Forum article.

"In regard to the perfume" (he writes) "I have observed it at intervals since early in 1894, and on to the present year, tho' of late it has been very faint. In 1894 to 1900 it was very powerful at frequent intervals. Sometimes it was definitely located as originating in a certain spot, and would pour out almost like a blast of air and completely fill the room, only to disappear instantly - not at all the behaviour of ordinary perfumes. This phenomenon reminds me of Zollner's observation of the psychic light under a table which

cast parallel shadows from the legs - impossible unless the light came from an infinite distance or from the equivalent, another plane... The 'perfume' was often observed during the frequent materializations of William Q. Judge, but was often perceived thousands of miles from his location, as I can personally testify.* I found it usually associated with elevated emotional or spiritual tension ... I have often, in company with others, observed perfumes of great power and sweetness at irregular intervals, often in the open air where there could be no physical cause. These include rose, violet, and jasmin. I believe the subject has an important and practical side. Even the dark side, i.e.,the display of nauseating smells under the stress of evil passions may serve as warning. I myself experienced one highly sensational instance of this warning service ..."

(NOTE: Dion Fortune relates an experience during an operation in Geomancy. The prick-sheet had been set up on paper instead of the sand-box, and perhaps some other irregularity introduced; at any event, the room "was suddenly filled with an intolerable stench of drains." Personal experiences of this sort are quite at the disposal of any investigator who is able to 'go in' for magical operations with enthusiasm, but <u>without</u> adequate knowledge and caution. The elementals invoked in geomancy are themselves friendly to man, according to occult lore; but an amateur magician either gets nothing at all, or takes the normal risks of, say, the tyro in chemistry whose dabbling outruns his knowledge. ML)

<u>Quip from Lingford:</u> The radio is playing, then Lingford begins an abrupt communication through Mark Probert:

"Hum-m! It's not only when you are in love that 'Smoke Gets in Your Eyes'! The smoke of your own opinions and hard-set beliefs on any subject has a way of getting in our eyes, so that we become blinded to the other fellow's opinions. Moral: don't let your personal opinions become over-heated. . . . .

- Well, for your sake and my sake and God's sake, let's have a little humour in that book you're taking down!"....

<u>SUPERVOX</u> - Readers in the Los Angeles area will be interested in an announcement by Franklin Llewis, formerly associated with Professor LaVerne Twining in editing and publishing <u>Science Forum</u>. Mr. Llewis is demonstrating, at a series of Discussions, a "newly perfected electronic device known as the SUPERVOX, which is capable of raising sound frequencies to a pitch beyond the range of normal hearing." The object - "to bypass the conscious mind in a harmless manner and without drugs so as to reach and influence the subconscious depths of the human personality." 'The Supervox promises needed help both in education and in therapeutics.' Space is limited and only a few guests can be accomodated. For further information and/or reservations, telephone RIchmond 4383, before 10:00 a.m. Donation $2.00.

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* This was a distinctive sandalwood-like odour, associated with Blavatsky at times of occult operations, and after her death, with Judge.

Comments from readers . . . (We haven't done this heretofore, but here goes for this one time, anyhow) --

"Page 8, RR IV-9. The word Vairochano should be Vairokana or Vairocano, according to Buddhist dictionary. . . I think you have some concentrative crystal-clear information which should be spread out to the general public. . . If it could be expressed in ordinary plain-talk it would be taken up by many who are tired of the old ... Thanking you for your interest in putting the truth forward". Prof. J. Chauvenet.

We have an article on African sorcery, also data on atmospheric levels from Professor Chauvenet, and hope to get them into next RR.

.... "Your publications have been a great source of information. Keep up your good work. There is much that can be converted from your reports and applied to every-day problems with good results... How a - bout some one on BSRA checking on the whereabouts of the several radio-active clouds at the time of the smog deaths, flying discs, extra-freak weather and new disease plagues. Could be, a new catalyst has been born for our de-vancement. Did you note in Science Digest, Feb.1949, the item, "Diseases due to Electricty". Should have been called Diseases due to We Don't Know What. It brings to mind your Morley-Martin and Littlefield experiments. Looks like our over-worshipped experts with their million-dollar equipment are learning to do what our BSRA boys and girls have been doing with two sticks and a piece of string for Lo these many years. (H.J.F., Los Angeles)

..... "The BSRA is a superb movement and in a class by itself, where Truth for authority is openly recognized instead of Authority for Truth. Open tribute can and will be givan to the founders...
(S.O. Br...Norwalk,O.)

..... "I received a December copy of RR when I sent in my subscrip-tion, enjoyed every word of it and have read it over twice". (Mrs T.L.B.)

..... "The last Round Robin was very fine" (Mrs H.M.G.) ... "It is very promising to me to discover your work. I have been a Fortean for three years and recently became a Huna research associate. Between these interests I am learning many new and fascinating things...In the cause of truth and justice, how about an article presenting the case against reincarnation ? Your open-minded attitude about spirit com - minications is very commendable..." (S.H., San Bernardino).

(RR carries on no crusade for the reincarnation doctrine, but it keeps cropping up in an affirmative sense, since all the seance communicators hold to it. We are willing to present the contrary view, but the subject is very complex and controversial and a little outside of the main purposes of RR).

..... "It irks me to see trash like "Your Horoscope" perfectly print-ed on our news stands, and a worthwhile publication like RR still in the mimeo stage. If it were printed and on the stands, its circula-tion would vastly increase... The Clips and Quotes department is highly interesting and could of itself be developed as a little maga-zine. Certainly it would be better than .... (censored by M.L.) I'm impressed by your sincerity & straight-shoot-ing..." (J.B. Zelienople,Pa.)

..... "Im so thoroughly interested in your publications I feel I can't afford to be without them... I'm greatly interested too in the Huna lore and I was glad to note a Kahuna control coming through Mark Probert. The articles are all so worth while it would be difficult to determine which are the better. (Mrs. E.M.W., Denver)

..... "I anxiously await each number of RR. Each seems better than the previous one, and then I wonder how that could be possible... From a most interested BSRA." (Mrs.E.W.,Denver)

(RR's trouble = trying to live up to what its friends say about it)

..... "We are thrilled with RR and think it is courageous, intelligent, and humorous - praises be! (Mrs. E.A.K.,Miami).

(Mrs. K. wants the communicators to talk about the earth's interior; makes references to Max Heindel, Gardner, The Secret Doctrine of HPB, and Plato. The seance controls have given a good deal of information about underground peoples, not so much about physical conditions of the interior. This is a book-length subject and quite in BSR lines of study. We can use, in one way or another, all the info. our readers will give us - but let's keep clear of the late and unlamented "Dero" controversy if possible).

The RR editor and his unpaid helpers thank all these friends, and a great many others beside who have written in similar vein. We put this publication out under difficulties, are always behind with correspondence, but are NOT unappreciative. It is your interest and approval, as much as your subscriptions, that have kept RR going. It's really much more of a cooperative venture than most of you realize.

In changing the format of Round Robin with this issue, to a 7x10" size, we encountered several difficulties and failed to get the material well organized. On the following pages you will find -

1. An Article by Max Freedom Long, reprinted by request from its first appearance in Flying Roll (now discontinued). Disregard the page numbering, which should be 28,29,30,31
4. Four pages of topics taken from the stenographic reports of the Mark Probert seances, and one page giving names of the principal communicators.

It is not RR custom to devote so much space to the psychic investigations, but we believe it is justified for this one time. It is only by means of a topical summary that we can give an idea of the immense range and variety of subject-matter covered in these extraordinary communications (beginning Sept. 1946 and still continuing); and even such a summary does not cover more than a third of the actual conversations. We believe, as do several very competent psychic research students, that this material is of real importance, and that we should very definitely call attention to it from time to time.

Seven of the Seance Memoranda booklets (ca.30 pp.each) have been issued. The topic-list here printed covers only Reports IV,V, and VII, but a complete set to cover all seven Reports will soon be available, without charge, to persons interested. The Reports themselves are sold by RR at $1.00 (single: 3 for $2.00 etc.).

Reprinted by request from Flying Roll..

FOR WHAT MAY WE PRAY?

by

Max Freedom Long, F.H.F.

(" I have one criticism, if I may say so - or rather I should put it in question form. Is it wise to promise people material gains as a result of, or to induce spiritual endeavor? To me there seems a great danger in this approach, which is contrary to all true occult - ism and truly 'higher magic' ..."):

(A distinguished friend of these publications, and of Huna studies also, sends us the above-quoted question. It is one which recurs from time to time and which is extremely provocative of discussion, largely because of the very numerous angles of approach and the lack of clear definition of many of the terms involved. We have asked the Associate Editor Max Freedom Long, founder of the Huna Fellowship and author of The Secret Science Behind Miracles, to formulate a statement on this subject. Flying Roll cannot enter upon any extended controversy over this topic, but we have warmly supported the cause of Huna research, and feel that a single definitive statement may be welcomed by many of our readers).

For What May We Pray?

So intermingled in the West are the dogmas and ideals of Christianity and of the religious systems of India, that a state of confusion has often resulted in our thinking as Illuminists.

In the matter of praying for help of Superior Intelligences, we find ourselves confronted by two warring factions. One faction demands that we pray for nothing but spiritual enlightenment. The other demands that we pray for our daily bread as well as for the "bread of the spirit."

We are all familiar with the ideas current in India, where it is often believed that a man must incarnate as many times as there are grains of sand by the sea, and in the process must wear out an immensity of Karmic debts. To escape this Wheel of Life, the process of making fresh Karma, good or bad, must be stopped. This is accom - plished by ceasing to desire or to strive for any material thing or condition. One must even cease to desire to escape from the 'Wheel', or union with God.

In this system the only grounds for believing any part of the dogma lie in the fact that some individuals seem to recall former incarnations, and in a few cases children have correctly recalled memories of one recent incarnation - the memories proving correct when checked, or sufficiently correct to give general proof of reincarnation for a single return. This, on the other hand, is not proof of

the validity of reincarnation impressions covering a great number of past lives.

As to the doctrine of Karma, or even the Christian "As ye sow, so shall ye reap" (which duplicates a statement assigned to Gautama a few hundred years earlier, there are no valid grounds for belief. All about us we see the evil flourishing as the green bay tree, while the good die young. To explain this painful and immoral condition of affairs, we must enlarge the theory of reincarnation to be able to punish and reward (by the working of the "Law of Karma") each man for deeds in former incarnations. The arbitrary, man-made idea of what should be justice in the world, is also based on no valid grounds.

The big fish eats the small. Creatures kill and eat each other. Man eats living plants and seeds as well as animals. Germs eat men. The men of science say, "this is the way of Nature" and let it go at that. The religionist, trying to force the Divine justice, as he imagines it to be in all nature, to fit the mould of his man-made concept of justice, must go to fantastic ends to create dogmas that satisfy him. The result is that he becomes absurd in the eyes of religionists of a conflicting belief, if not in the eyes of his fellow cultists.

Simon-pure religion has been defined by our professors as "worship of a superior Entity without thought of any form of reward for such worship." This is the fartherest flight of idealism reached by the human mind to date. The professors are at pains to point out to us, that when we expect a reward in the way of salvation, or answers to prayer, we turn from pure religion to the less idealistic and more highly favored mixture of religion and magic.

While religion may exist alone, magic cannot exist without the religious ingredient. All magic is a matter of getting material things through a system of ritual acts. These acts may include wor - ship of Higher Beings (or stronger ones at least), bribery with sacrifice and renunciations, coercions by means of using suggestion on the Higher Being when thought of as a suggestible universal subconscious, and so on.

This all leads up to the question which is daily raised by some one: "Is it not bad to tempt people to embrace religious con - cepts by offering them material rewards, such as health, homes, and happiness?" The questioner will go on to ask: "Is this not degrading the true occultism, and is it not unwise, sordid, and even wicked?"

No possible answer can be made without first challenging the dogmas and unprovable beliefs of the questioner. So long as our "revealed" religions fail to agree, we must admit that their claims cannot be validated. Without such "revelation" man has no faculties which will enable him to get a sensory impression to tell him there is a higher level of consciousness. All "intuitive" knowledge sup - posed to inform the individual of the nature of higher Beings must also be questioned, for, like the various "revelations", the in - dividual intuitions do not agree. In short, we have come to see that we have little more than our illogical beliefs to support our claims.

This allows us to challenge the attenuated ideal in which all else is sinful and unworthy in religion except worship. It allows us to challenge the value of such complete renunciation and selflessness.

What is our criterion? Is it a good, normal, happy, prosperous, healthy, kindly and useful life? Or is it asceticism carried to the extreme of the yellow robe and begging bowl, the cloister, or the hermitage in the wilds?

Did the Powers That Be fail to make man what he was intended to be? Is man so much wiser that he can correct his Creators and set about improving on himself, his life, and the world of material things into which he has been placed? The theory that man was placed here in an improper environment so that he might "grow" spiritually, is a very natural one. Everything seems to grow and to learn. The question, however, is as to the nature of the "growth". All our ideas concerning "spiritual growth" stem from cult dogmas or from a warped and illogical concept of justice as it should be in Nature, not as it obviously is.

The savages prayed, unabashed, for rain and whatever they needed. They did what they thought best to bribe the Gods and appease them.

The Christians prayed for the things needed in daily living, and the things conceived as needed for growth of a spiritual kind - the latter aimed at a more certain entrance into the heavenly hereafter.

The East Indian Idealists, when living up to their most "exalted" ideas, prayed for nothing at all, lest they harbor a suspicion of desire, and so forge more Karmic chains to prevent the longed-for escape into Nirvana, or entrance into the state of assimilation with the ONE.

The Keepers of the Secret in Polynesia prayed to the Aumakua or High Self for material aid. If the prayers were not answered, they did not explain the failure in terms of reincarnation and karma; instead, they explained that the subconscious was prevented by a guilt or similar complex from carrying the telepathic request of the prayer tothe High Self.

The High Self of the Kahunas (native priests) cannot be verified - but it can be verified that there is Something which can be prayed to which can answer. Fire-walking on red-hot lava was a fine demonstration of the validity of that SOMETHING and of its power to act on material things. This is in line with the demonstrations made by the magico-religionists down the centuries, and also by modern psycho-science.

The complex or fixation is fairly well demonstrated in modern psychology, and bids fair to replace the need of Karma to explain prayer failure.

If we may accept these two items as fairly demonstrable, if not fully validated as concepts, we can go on from there.

If we find that, like the kahunas of yesterday, we can learn to pray for protection and get it, for fire-walking - or if we can get instant healing, or betterment of conditions of life, we may

logically say the the High Self or that SOMETHING has responded to our ritual prayer actions and does NOT question the morality of prayers for material aid. As a corollary of the proposition, may we not say that the very fact that we come to recognize the SOMETHING, and to keep uncomplexed by remaining kindly, constitutes about as full a "growth" in "spiritual" wisdom as it is possible to attain, at least on this level of consciousness.

Or perhaps we might call it "education" instead of "spiritual growth". We set out to learn things so that we can use the acquired knowledge. Eventually we may see that it is quite sufficient to learn there is a SOMETHING - and to learn how to live so that we can correctly perform the rituals in making a telepathic-psychological request for desired aid.

***** END *****

"What is our criterion?" In putting this question, Mr. Max Freedom Long, in our opinion, has made the only possible reply to the issue raised in the first paragraph of the foregoing article.

It seems to us that the 'key-note' of this incarnation is expressed by two words - knowledge, and service. Or perhaps wisdom and service would be better. Knowledge which does not serve is barren, and service not rooted in right knowledge or wisdom is often dis - service.

"There is a work which folded hands may do", says Victor Hugo. It is true that service may take place in many ways, and on the subtle and invisible planes as well as on the levels of dense matter. Nevertheless the solitary aspirant, even though he seek the mystical experience ad maiorem gloriam Dei, is somehow deficient in motive and understanding. The crucified Gods have suffered for others, rather than for their own spiritual exaltation.

It is not true that health and wealth predispose men to service of their fellows. Neither is it true that illness and poverty and fear so dispose them. The will-to-serve is a phase of enlightenment, a product of evolutionary development. But when and where it exists, health of body and worldly prosperity may render it effective and powerful, while poverty and sickness as a rule hamper and confine its means of expression, even if they do not largely destroy it.

It seems to us that it is wise and right to pray for material benefits, <u>for ends of service</u>; and that in doing so we should ask continually for guidance - whether of the High Self, the Guardian Angel and Divine Augoeides, of wise spirits of high degree, or of God under whatever Name and Aspect we can best seek for Him. If we are really convinced that we can serve others best under conditions of our own poverty and pain, that may be for the hour the cup allotted us.

We believe that the "Knowledge and Conversation of the Holy Guardian Angel" are best achieved by indirection, and that the question which evoked Mr. Long's article is a specious one, a dichotomy without true foundation.

SEANCE MEMORANDA - TOPICS FROM REPORT NO. IV -

Communicator, Ti Yong "living in 1883". Chinese merchant.

Communicator, Lingford - excarnate people who do not believe com - munication is possible - do not mix up different kinds of psychic ex- periments -

Temple Dancer - "I come to dispel bad forces".. Description of dancer, by Lingford - how trumpet is "handled" - ectoplasmic tubes - sex forces - use of medium's vocal chords and trumpet at same time - experimental movements of trumpet -

Dr Camp - Dr. Cotton Lynch (references and inquiries) - Polynesian control. -- (to page 99)

Dr. Cotton Lynch, control. A medical doctor - killed in bombing raid, London - "twilight of England" - comment on medium's physical condition - his artistic gifts - physical condition of K.T. (sitter)- (Page 100; end of seance of June 22).

June 29. Control, Professor Luntz - the question of the origin of life - electro-magnetic, but whence the intelligence? - "theologically washed up" - differences of opinion on the astral - production of life by laboratory means is possible. (to p. 101)

Lo Sun Yat. Advice to combine meditation with experiment - spontaneous generation brings forth all things - no line between living and non-living matter - Twining on his experiments.

Professor Luntz: Prof. Twinging - electrolysis in ammonium sul - phide - sterilization - dangers of false accusations - making of gold- radioactive - the hermit from the Himalayas - learning languages on the astral - nature of language - all language is one. (to p. 105)

Lingford, F.Llewis, Prof. Twining - flying discs - an invisible world within the visible - many ehteric worlds - materialization. (End of seance of June 29). p.107)

Professor Luntz: on dowsing - the force being used - psychometry- distance - PK effects - proposed book, Rise and Fall of Man - law of energy - no "objective" time and distance - sound created by thought.

Professor Twining under control - Swift Arrow - unknown control - Mark P, under Duvon control - predictions of disaster - The Wind of Death (book) - Lingford control, on Duvon - on foolish questions. End of seance of July 3. p. 111)

Lo Sun Yat. - boredom - flying discs - cancer theory, cancer hauntings, cosmic rays, psycho-physical condition invite cancer; sen- sitivity to particular rays - true answer to cancer problem not known on astral - karmic factors - experiments with psychic body and a materialization medium, re cancer formations. (to p. 113).

An unidentified control - Lingford explains - the flying discs - etheric peoples - crews of discs - their control - probable purpose- man will yet abandon this planet - etheric and gaseous planets - un- happiness necessary to man. (to p.116)

Reproof from controls - complexity of the human entity - origin of the Basques - their migrations - freedom depends on mental con - trol - explanation of the Archetypes - shape of the earth - its wobble - Magic, white and black (various Controls. to p.119).- The Taylor Rosenberg control - the China Boy control - Lingford, re the

Topics from Report No. IV. con.

ether drift - re the Lokas, fallen material (p.119).

Unknown control, victim of Nazis - Lo Sun Yat explains - "Mr.X" on same subject - "canals" on Mars are chasms - rocks change color - "look beneath the light" - vegetation on Mars - the gnomes - era of high psychism coming - object of this - Ethereans would intervene in a war - on Roger Graham's theory of Disc propulsion - no fuel - Ethereans are of human evolutionary strain - controls do not believe in an atomic war. (to p.122)

Miss Olson's question - "Mr.X" on answering personal questions. Lingford - on interest in earth life - on intolerance (123)

Natalli. On motion and the Absolute - on space-time - on the study of astrology - on the Keeley motor - on heat and cold - (to 125)

"Mr.X". Re Mr. Tripp's table for experiments.

(Editor's note on doctrine of Controls, re subconsciousness, memory, the Higher Self, the desire body, the reflecting ether, the images from the ether. (to 128)

Hypnotism, mesmerism, narcotics as affecting psychic development - development of sympathetic nervous system - instrumental communication - seed life - life essence in seeds, and in brain. Re the pituitary gland - resonance - infinity has no arc - no complete answers - re reincarnation. ("Mr.X" in reply to questions). (p.130)

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SEANCE MEMORANDA - TOPICS FROM REPORT NO. V -

Memory of past lives, how to recover - the mirror and the candles-origin of the images - comparison with crystal gazing - all forms wait to be called -- ("Mr.X" = LaoTse).

Return of Gordon Northcott - his story - crime and punishment - his death experience - his Helper and instruction -- (Northcott). Comments by the Helper - our prisons and schools - moronic authorities - optimism for the future -- ("Mr.X. p 133)

Spectro-analysis of material from a Disc - comment by "X" - ether-constructed matter - value of the material, as insulation against ato-bomb and gamma rays - the four-tailed comet -- (Mr.X. p. 134)

"Yo-Bam-Bo", chief of Zoambi - witch doctors - future of Africa.

Christmas on the astral - children - women - Solomon - Brigham Young - labor troubles - the Russians - instrumental communication - the book by YRAM and an error in it - question of "shells" - dowsing from a map - mental radar - aka cords -- (Lingford, pp 135-137).

The comet again - the Noachian flood - nature of comets - break-up of stars - the tail of the comet - friction of the ether - the sound produced - no planet beyond Neptune - the Great Void of 86 trillion miles - other systems - perturbations of Neptune - birth of planets (Natalli.137)

(continued)

Seance Memo. Part V. Topics (con.):

An impending break-down - treatment by hypnosis (Lo Sun Yat. 138). Attitude of psychiatrists and mental institutions.

A proposed experiment (communication with hypnotized medium in England, v. Report VI) - comments by Lingford - and by "Mr.X" - mathematics on the astral - hypothesis of physicist Graham - comments by "X" - the copper emanation -- (139-141).

Lawrence of Arabia - objects to Dr.C's cigar - his opinion of his "Seven Pillars" - Arabia - Palestine - The Jews - India - England - the Sudan - Africa - Russia - Nazism - time of death is fixed by our acts.

Lingford: A Los Angeles meeting - about magnetism - Mr. X on this-copper & its emanation - glass - a lens - how dense matter is affected - materializations - PK effects - dice thrown by machine - levitation by mind energy - distance and the PK effect - mind energy can be measured (142-145)

Lo Sun Yat: matter as concept - the psyche and the physical as one-matter as condensed thought - China & Tibet.

Ali ben Casi: process of taking control - the stream of thought-energy - the thought-wave (146). -- Control from the Amazon - mountains-piranas - women - materialization among natives ("to us, natural") --

Matter & consciousness - origin of the earth plane - elements peculiar to the astral - form depends on mental action -- (Mr X. 147)

Boy from Hindustan - why admitted - dullness - Siskiyou stone circles - Lemurians - 20 thousand years old - instrumental communications - short wave lengths - Professor Twining - wave lengths of mind-energy length needed -- (Lingford, 148).

Temple dancer - Easter Island - Be-o-la-dee, Land of Sunshine - drums - Nature Gods (148).

"Mr.X" and Plato - keep mind off body - mind and matter the same - diseases come before germs - nature of germs - thought draws them in- etheric body necessary to suffering - a child is old in mind - Paul Brunton ("Mr.X". 149-50)

Swift Arrow control - Professor Twining - message to F.Llewis - his delight with his new world - solipsism - an analogy - neutron-proton exchange - "not an old man now" (151).(Editor's comments)

Trimalki (Rajah Natcha) of the Punjab: - the all-consciousness school - life at Oxford. -- Lingford: his comment on Rajah Natcha.-- Natalli, on the Palomar telescope - on the Discs - on Ghandi - Dancer-Professor Luntz -- Lo Sun Yat - Note on limitations of these seances.*

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* The Note points out, that these 1st 5 Reports condense some 75 hours of talk to about 160 pages of print - very inadequate at best. And we again remind readers, that they must not expect lengthy discussions of the topics; an immense range of subject-matter is touched upon, but usually in a very brief and casual way. This is conversation - not a report of lectures or theses. At present writing (1-30-49) seven Reports have been published (mimeo.) and can be obtained from RR (the Meade Layne Publications).

SEANCE MEMORANDA - TOPICS FROM REPORT NO. VII -

Effects of alcohol on the medium - on body and brain cells - visions of intoxicated persons -- (Rajah Natcha). Effects of fear on psychic communication - Arabian oil fields - hate and natural disasters - the best mode of life - "advancement" - avoid struggle -- (an "ancient Persian

Invisible helpers - Huna - the aka cord - rapport - change of guardians - law of service - right thinking as protection - memories of past lives - the cosmic record - the "subconscious mind" - the "soul" intelligence of thought forms - man as creator - all demands are met - insects as "animated energy" - animal survival - self-awareness of animals - Nature always experimenting - nothing permanent except change -- (Lingford)

Life as electrical and magnetic - the Ultimate is unknown - listening within, meditation - posture for meditation - "finger of mind-stuff" - the Higher Self - inspiration - dreams - blurring of answers - origin of material objects - worlds within worlds - all worlds are physical - the ether is alive - consciousness of the Ethereans - beyond good and evil - no state of consciousness barred to man - ethereans not excarnate humans. -- (Lo Sun Yat). *

Self-projection by mediums and impersonation - ectoplasm - its sources- independent voice - the "vocal box" - exteriorized sensitivity - confusion of controls on first taking over - independent writing, ecto - plasm, calcium from kidneys - a test for precipitated writing - tele - portation. -- (Arakashi).

Psychic fasting, explanation of - metabolism - difficulties in clairaudience - vitality globules - -- (LaoTse).

Why spirits come to seances - spiritualism, religion, scepticism and ignorance of science - radi-esthesia - dangerous rays from the sun, vanished races (went underground) - cosmic rays. -- (Professor Luntz).

Cosmic rays - and solar gases - emanations from everything - some malefic - drying of tissues - rays and electronic particles - "canals" o Mars (are cracks) - vegetation on Mars (no other life - life on the dark stars - contacts by telepathy and projection - contacts with the Lokas or Etheria - - (Natalli).

Taoism - astrology - radiesthesia - astrology - ether bridge - table phenomena. -- (LaoTse). The missionary - illusions - man the creator - Jesus the Adept- Virgin birth - origin of great souls - time concepts. -- (LaoTse). United Nations - chances of war - evil forces - the Pope - Stalin - world politics. -- (Lingford). Deaths of the Filipinos - sorcery - projection of mind-stuff - Kahuna magic- crime on the astral - the "secondary voice" - the sound spectrum - etheric sound -- (LaoTse).

Euthanasia - reincarnation - urge to manifest - the High Self - how reincarnation may be delays. -- (Arakashi).

NOTE: Very few of these topics are discussed in extenso - brief conversational comments only. The MEMORANDA are booklets, c.30 pp each; 7 have been issued, in mimeo. $1.00 each, 2 or more at .75 each. (RR)

Interest in the Mark Probert seances has increased to such an extent, that RR feels justified in appending the following list of

NAMES OF COMMUNICATORS

A "communicator" is identical with a "control". The list is by no means complete, since it represents only the principal communicators during the 'regular' seances, and takes no account of numerous special and private sittings. Let us repeat, that except for the recently developed clairaudience, all the communications are given while the medium is in trance - the 'entities' take control of his body and speak through him. Even those among our BSRA friends who cannot accept the spiritistic explanation, should find the story of these seances a most extraordinary and productive subject for critical examination.

Arakashi, Hindu philosopher
Antonio Alvino. Singer
Ali ben Casi. Worker of metals
George Arliss, Eng. actor
J.J.Astor, financier
Abdulla Bey. Arabian.
Thomas Edison, inventor
Home; Daniel Dunglas. Medium.
The Helper
Karansky, Orchestra Director
Jeremiah Kendrick. Tibetan monk
Harry K Lauder (not the singer)
Lingford. American actor(?)
Lo Sun Yat (Tibetan)
Lao-Tse (Lao-Tzu). Philosopher
Professor Luntz (theologian)
Lawrence of Arabia (writer etc.)
Dr. Cotton Lynch. M.D.,England.
Rama Ka Lao (Hindu)
Grace Moore (singer)
John McCormic (singer)
Ramond Natalli. Astronomer
Gordon Northcott
The Rajah Natcha, Trimalki.
The Pigmy (Africa)
Will Rogers (writer)
Taylor Rosenberg (Eng.Jew)
Knute Rockney (coach)
Desmond Taylor (cinema)
Twining, Prof.(mathematician)
Ti Yeng (Chinese merchant)
Kay Ting (Tibetan)
Andre du Von (Frenchman)
Harold Bell Wright (author)
Yo-Bam-Bo (Zoambi Chief)

Sister Theresa (Nun)
Colin Kelly (air ace)

Many of these controls have appeared repeatedly, some of them at nearly every seance for some 30 months past. They all appear to be fully integrated personalities, and have maintained all their personal ways and characteristics without blurring or confusion. Seances are from two to three hours in length. The medium returns to normal consciousness at intervals, but seldom hears any part of what the controls are saying... Long-continued and consistent phenomena of this sort impose a most severe problem on opponents of the spiritistic explanation.

ML

ROUND ROBIN is issued about every six weeks, 38-40 pp. mimeo., in the general field of ILLUMINISM, which includes psychism, psychic research, spiritism, occultism, parapsychology, and the "borderland" sciences. It is not affiliated with any cult or Order, and is non-religious, factual, and freelance. Its editors accept the basic facts of spiritism and are concerned with making good use of them, not with any attempt to demonstrate them by test seances or otherwise.

BORDERLAND SCIENCES RESEARCH ASSOCIATES: The members are interested in all types of borderland phenomena (as, at present, the flying discs). This association is characterized by its willingness to employ psychic and paranormal sources and methods of investigation, in addition to 'orthodox' scientific procedures. Bulletins or releases are mailed out to members, usually about twice a month, covering matters of current interest in the BSR field. All news is reported in a factual manner and without propaganda.

MEMORANDA FROM THE MARK P. SEANCE: Mimeo., about 30 pp. each; issued as circumstances permit and NOT a periodical. Stenographic reports of trance mediumship only. The medium, Mark Probert, is about 40 years of age, a 'non-professional' who is not compensated for his services. The discussions with the Controls cover a wide range of scientific and philosophical problems, with much occult and spiritistic theory. NOT 'message circles' and NOT religious gatherings. Seven Reports have so far been issued, and No. VIII should soon be ready.

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IN PREPARATION: THE RISE AND FALL OF MAN. Book-length ms, clairaudient dictation to Mark Probert - also, unpublished material dealing with Qabalistic Magic, by an Adeptus Minor of the G.D. Details to be announced.